

CHAPTER 7
REINFORCEMENT**BLM 7-1****What is Light? - Part 1**

Goal • Use this page to review terms introduced in section 7.1 of Chapter 7.

What to Do

- Fill in the spaces in the sentences below with the words that fit best. Choose from the list of words at the end of each section.

A. What is Light?

- Light that spreads out from the Sun transfers energy to the Earth by _____.
- Light is produced from other types of energy. Chemical energy is transformed into light energy when you strike a _____. Electrical energy is transformed into light in a _____. In the Sun, _____ is transformed into light.
- Sunlight is a _____ light source. A light bulb is an _____ light source.

artificial	light bulb	light energy	match
match	radiation	nuclear energy	natural

B. Properties of Light

- A dark surface gets _____ when light energy hits it. The light is transformed into _____.
- Solar cells can change light energy into _____. A light's _____ determines how much energy the light carries.
- Two natural light sources are _____ and _____. Two artificial light sources are _____ and _____.

electrical energy	intensity	lightning	the Sun
streetlights	television	thermal energy	warm

C. Incandescence

- An ordinary light bulb is an _____ light source. An incandescent light source becomes so _____ that it glows. _____ energy is changed into _____ energy.
- If an object gets hot enough, it emits visible _____ energy. The part of an incandescent bulb that heats up and glows is called the _____.

electrical	filament	hot
incandescent	light	thermal